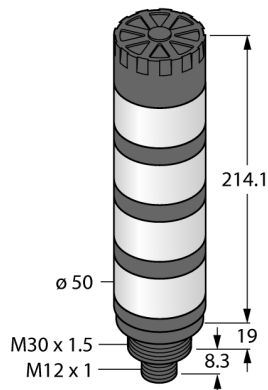


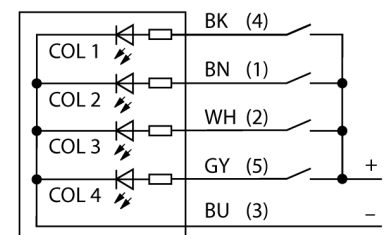
LED Signal Light Tower Light TL50HWYBRAQ



Type	TL50HWYBRAQ
ID	3088228
Signal and display data	
Purpose	LED indicator light
Function	Tower light
Light type	White Yellow Blue Red
Dimmable	No
Features of color 1	White, Permanently on, 50 lm
Features of color 2	Yellow, Permanently on, 23 lm
Features of color 3	Blue, Permanently on, 23 lm
Features of color 4	Red, Permanently on, 32 lm
Acoustic signal	Continuous tone, 92dB
Electrical data	
Operating voltage U_s	18...30 VDC
DC rated operating current I_s	≤ 100 mA
Operating voltage U_s	21...27VAC
Max. current consumption per color	100 mA
Max. current consumption of beeper	25 mA
Input type	Bipolar (PNP/NPN)22
Response time typical	< 10 ms
Mechanical data	
Cascadable	No
Design	Smooth barrel, TL50
Dimensions	Ø 50 x 241.5 mm
Housing material	Plastic, ABS, Black
Window material	Polycarbonate, diffuse
Electrical connection	Connector, M12 × 1, PVC
Number of cores	8
Ambient temperature	-20...+50 °C
Relative humidity	0...95%
Protection class	IP50

- Plastic housing, black
- EMI and RFI immune
- Protection class IP50
- M12 x 1 male
- Multicolor: White (COL 1) / Yellow (COL 2) / Blue (COL 3) / Red (COL 4)
- Operating voltage: 18...30 VDC or 24 VAC with 45 mA per LED color
- Inputs: PNP/NPN
- Beeper max. 92 dB

Wiring Diagram



Functional principle

The TL50H tower lights, in the high-brightness version, provide highly visible status indicators and a clear user guidance within the entire system. They can be assembled from various colored LEDs and are available with or without beeper. You can mount them directly on machines, in the cabinet or in monitoring locations of production lines.

The wiring diagram shows a PNP pin assignment.

There are 5 colors available, blue (B), green (G), red (R), yellow (Y) and white (W), which specify the light sequence from bottom to top in the type code of the tower light. Example: TL50GYRQ, colors green, yellow and red arranged from bottom to top.

Tests/approvals

Approvals

CE, UL listed

Accessories

Type code	Ident no.		Dimension drawing
SMB30A	3032723	Mounting bracket, rectangular, stainless steel, for sensors with 30mm thread	
SMB30FA	3074005	Montagewinkel; Werkstoff VA 1.4401	
SMB30SC	3052521	Mounting bracket, PBT black, for sensors with 30 mm thread, rotatable	